

# Juan G Duque

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

1,232  
citations

22  
h-index

35  
g-index

35  
ext. papers

1,353  
ext. citations

11.3  
avg, IF

3.98  
L-index

#	Paper	IF	Citations
35	Aerobijels: Ultralight Carbon Monoliths from Cocontinuous Emulsions (Adv. Funct. Mater. 6/2020). <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2070040	15.6	2
34	Aerobijels: Ultralight Carbon Monoliths from Cocontinuous Emulsions. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908383	15.6	2
33	Resonance Raman signature of intertube excitons in compositionally-defined carbon nanotube bundles. <i>Nature Communications</i> , <b>2018</b> , 9, 637	17.4	8
32	Bench-top aqueous two-phase extraction of isolated individual single-walled carbon nanotubes. <i>Nano Research</i> , <b>2015</b> , 8, 1755-1769	10	31
31	Asymmetric excitation profiles in the resonance Raman response of armchair carbon nanotubes. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	20
30	Influences of Exciton Diffusion and Exciton-Exciton Annihilation on Photon Emission Statistics of Carbon Nanotubes. <i>Physical Review Letters</i> , <b>2015</b> , 115, 017401	7.4	29
29	Assessment of length and bundle distribution of dilute single-walled carbon nanotubes by viscosity measurements. <i>AIChE Journal</i> , <b>2014</b> , 60, 1499-1508	3.6	14
28	Role of surfactants and salt in aqueous two-phase separation of carbon nanotubes toward simple chirality isolation. <i>ACS Nano</i> , <b>2014</b> , 8, 1619-28	16.7	127
27	Developing Monolithic Nanoporous Gold with Hierarchical Bicontinuity Using Colloidal Bijels. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 809-12	6.4	43
26	Formation and dynamics of "waterproof" photoluminescent complexes of rare earth ions in crowded environment. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 26715-21	3.6	1
25	Diameter dependence of TO phonon frequencies and the Kohn anomaly in armchair single-wall carbon nanotubes. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	4
24	Recent developments in the photophysics of single-walled carbon nanotubes for their use as active and passive material elements in thin film photovoltaics. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 14896-918	3.6	92
23	Fundamental optical processes in armchair carbon nanotubes. <i>Nanoscale</i> , <b>2013</b> , 5, 1411-39	7.7	46
22	Mechanism of electrolyte-induced brightening in single-wall carbon nanotubes. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 3379-82	16.4	33
21	Disorder limited exciton transport in colloidal single-wall carbon nanotubes. <i>Nano Letters</i> , <b>2012</b> , 12, 5091-5	16.5	54
20	Photoluminescence imaging of electronic-impurity-induced exciton quenching in single-walled carbon nanotubes. <i>Nature Nanotechnology</i> , <b>2012</b> , 7, 126-32	28.7	73
19	Unique origin of colors of armchair carbon nanotubes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 4461-4	16.4	34

18	Chiral index dependence of the G+ and G- Raman modes in semiconducting carbon nanotubes. <i>ACS Nano</i> , <b>2012</b> , 6, 904-11	16.7	66
17	Quantum interference between the third and fourth exciton states in semiconducting carbon nanotubes using resonance Raman spectroscopy. <i>Physical Review Letters</i> , <b>2012</b> , 108, 117404	7.4	19
16	Violation of the condon approximation in semiconducting carbon nanotubes. <i>ACS Nano</i> , <b>2011</b> , 5, 5233-41	16.7	45
15	New Route to Fluorescent Single-Walled Carbon Nanotube/Silica Nanocomposites: Balancing Fluorescence Intensity and Environmental Sensitivity. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 15147-15153	3.8	14
14	Fluorescent single-walled carbon nanotube aerogels in surfactant-free environments. <i>ACS Nano</i> , <b>2011</b> , 5, 6686-94	16.7	32
13	Electrodynamic and excitonic intertube interactions in semiconducting carbon nanotube aggregates. <i>ACS Nano</i> , <b>2011</b> , 5, 2611-8	16.7	39
12	Carbon Nanomaterials in Silica Aerogel Matrices. <i>Materials Research Society Symposia Proceedings</i> , <b>2010</b> , 1258, 1		2
11	Stable and Responsive Fluorescent Carbon Nanotube Silica Gels. <i>Materials Research Society Symposia Proceedings</i> , <b>2010</b> , 1258, 1		1
10	Saturation of surfactant structure at the single-walled carbon nanotube surface. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 16165-75	16.4	68
9	Mono- and Biexponential Luminescence Decays of Individual Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 14025-14028	3.8	39
8	Diameter-dependent solubility of single-walled carbon nanotubes. <i>ACS Nano</i> , <b>2010</b> , 4, 3063-72	16.7	60
7	Self-Assembled Nanoparticle-Nanotube Structures (nanoPaNTs) Based on Antenna Chemistry of Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 18863-18869	3.8	5
6	Recycling Ultrathin Catalyst Layers for Multiple Single-Walled Carbon Nanotube Array Regrowth Cycles and Selectivity in Catalyst Activation. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 1550-1556	9.6	18
5	Environmental and synthesis-dependent luminescence properties of individual single-walled carbon nanotubes. <i>ACS Nano</i> , <b>2009</b> , 3, 2153-6	16.7	44
4	Temperature and Gas Pressure Effects in Vertically Aligned Carbon Nanotube Growth from FeMo Catalyst. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 14041-14051	3.8	46
3	Stable luminescence from individual carbon nanotubes in acidic, basic, and biological environments. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 2626-33	16.4	63
2	Antenna chemistry with metallic single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 15340-7	16.4	23
1	SWCNT PEG-eggs: Single-walled carbon nanotubes in biocompatible shell-crosslinked micelles. <i>Carbon</i> , <b>2007</b> , 45, 2388-2393	10.4	35

